CRS Build 11.0.1 Release Notes

These notes document the bug fix incorporated into the CRS Build 11.0.1 patch release. The Trouble Ticket Request (TTR) number has been provided to reference the formally documented problem that has been resolved by this build.

BUG FIX – CRS

1. **TTR 966: Time Synchronization With AWIPS** - CRS routinely checks the connectivity of the AWIPS interface for AWIPS to CRS message transmission and time synchronization. It uses an AWIPS Authorization file with the IP addresses of PX1, PX2, DX1, DX2, DS1, and DS2 and checks the echo port (for the 30-minute AWIPS connectivity check) and the rdate port (for the once-daily time synchronization) on the AWIPS processors until it finds one that supports both. Currently, the two tests will always fail for the PXs and the DXs and drop down to the DSs (see discussion below). Therefore, the following two changes must be made coincident with the decommissioning of the DSs or our test will always fail:

   a. The ping.pl script we were using to check on the echo port prior to OB6.1 was working well. It no longer does, even though it works well to check on the rdate port. The 11.0.1 patch splits the ping.pl script in two. TCP no longer works with the echo ping, so it is being changed to ICMP. However, ICMP only queries the echo port and will not query the rdate port, even if you change the destination port number. Therefore, the second perl script is needed to keep using TCP to query the rdate port.

   b. With the implementation of DX3 and DX4, the IP addresses for DX1 and DX2 will change. The new IP addresses of DX1 and DX2 will not be in our file, DX3 and DX4 are not in our file, and the PXs do not support rdate. Therefore, we need to instruct sites to edit their AWIPS Authorization file and the /etc/hosts file to change the IP addresses for DX1 and DX2 and to replace the DSs with DX3 and DX4.